

# FireNEX™-5000C



## 4-Port USB 5Gbps Fiber Optic Repeater

### Data Sheet



### Description

The FireNEX™-5000C is capable of extending all USB 3.1 Gen 1 (USB 3.0) SuperSpeed 5 Gbps devices up to 200 meter (650 feet) via one single mode fiber optic cable. FireNEX™-5000C comes with four downstream USB-A ports that support 5Gbps SuperSpeed USB data transfer as well as backward compatibility with all types of USB 2.0/1.1 devices, such as mouse and keyboard.

FireNEX™-5000Plus is ideal for applications including machine vision, pro AV, medical imaging, and etc.

### Features

- USB 3.1 Gen 1 (USB 3.0) SuperSpeed 5 Gbps Extension up to 200m
- USB 2.0/1.1 Backward Compatible
- USB-C enabled host connection
- Industrial Grade Metal Enclosure
- Plug and Play
- Wall Mount Ready
- RoHS Compliant
- FCC and CE Compliant

## Specification

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### RANGE

USB 3.1 Gen 1 (USB 3.0) Up to 200m (650 ft.)

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### DATA RATE

USB 3.1 Gen 1 5 Gb/s  
USB 2.0/1.1 Compatible

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### Local Unit

Dimensions 175 x 93 x 29mm (6.9 x 3.7 x 1.1")  
Weight 425g  
Enclosure Material Aluminum  
Upstream USB Port 1x USB Type-C  
Optical Connector 1x Duplex LC Connector  
Power Input via 5V USB Bus

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### Remote Unit

Dimensions 175 x 93 x 29mm (6.9 x 3.7 x 1.1")  
Weight 430g  
Enclosure Material Aluminum  
Downstream USB Port 4x USB-A  
Optical Connector 1x Duplex LC Connector  
Power Input 12 V DC  
Power In Connector 2.1mm Center Positive  
USB Power Output 1500mA for each USB Port

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### FIBER OPTIC CABLE

Length Up to 200m (650 ft.)  
Type 9/125 Single mode, LC to LC, Duplex

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### POWER SUPPLY

AC Power Plug Type US  
Power Input 100-240 V AC, 50/60 Hz, 0.8 A  
Power Output 12 V DC

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### ENVIRONMENTAL

Operating Temperature -0 °C to 60 °C (32 °F to 140 °F)  
Storage Temperature -10 °C to 85 °C (14 °F to 185 °F)  
Operating Humidity 20% to 80% relative humidity, non-condensing  
Storage Humidity 10% to 90% relative humidity, non-condensing

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### COMPLIANCE AND COMPATIBILITY

EMC FCC, CE  
Environmental RoHS

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### SUPPORT

Warranty 1-year Manufacture Warranty

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